

Parent
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IN THE SPECIFICATION

Please replace the paragraph starting on line 8 of page 19 with the following amended paragraph and new Table 7.

Synthesized iodide diquatery amines were precipitated by the drop wise addition of the reaction mixtures in 100 ml of benzene while the synthesized chlorides were precipitated in a 50 ml:50 ml mixture of hexanes-benzene. The solutions were then kept cooled to -15°C overnight. Precipitates were isolated by vacuum filtration on medium fine filter paper, washed with an additional 20 ml of respective solvent and then vacuum dried overnight. Products were weighed, sealed in glass vials, labeled and stored at 5°C until further use. Yields of the diquats were nearly quantitative and the overall yields of iodide diquats were higher than those of the chlorides. Two of the chloride diquats, referred to in Figure 1 as 9Cl and 16Cl, were unable to be precipitated out using these procedures. The diquatery amines synthesized by this method are shown in FIG. 1 and named in Table 7. The identification numbers used to refer to the diquatery amines in FIG. 1 was adopted for convenience and has no relevance to the actual structure of the diquats, except that "Cl" refers to the chloride form of the diquat (abbreviated "DQ") and "I" refers to the iodide form of the diquat.

Table 7 -- Synthesized Diquaternary Amines

DQ9I	Dimethyl, decyl ethylene Diammonium Iodide	DQ9Cl	Dimethyl, decyl ethylene Diammonium Chloride
DQ10I	Dimethyl, decyl hexyl Diammonium Iodide	DQ10Cl	Dimethyl, decyl hexyl Diammonium Chloride
DQ11I	Dimethyl, octadecyl ethylene Diammonium Iodide	DQ11Cl	Dimethyl, octadecyl ethylene Diammonium Chloride
DQ12I	Dimethyl, octadecyl hexyl Diammonium Iodide	DQ12Cl	Dimethyl, octadecyl hexyl Diammonium Chloride
DQ13I	Bis-octadecyl, methyl piperazine Ammonium Iodide	DQ13Cl	Bis-octadecyl, methyl piperazine Ammonium Chloride
DQ14I	Bis-decyl, methyl-piperazine Ammonium Iodide	DQ14Cl	Bis-decyl, methyl-piperazine Ammonium Chloride
DQ15I	Dimethyl, octadecyl butyl Diammonium Iodide	DQ15Cl	Dimethyl, octadecyl butyl Diammonium Chloride
DQ16I	Dimethyl, decyl butyl Diammonium Iodide	DQ16Cl	Dimethyl, decyl butyl Diammonium Chloride
DQ17I	Dimethyl, octadecyl propyl Diammonium Iodide	DQ17Cl	Dimethyl, octadecyl propyl Diammonium Chloride
DQ18I	Dimethyl, decyl propyl Diammonium Iodide	DQ18Cl	Dimethyl, decyl propyl Diammonium Chloride